

# Manhole Inspection Summary

# Manhole # S33MM\_010MH

Printed On: 12/17/2008

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**Inspection**  Is Incomplete Rating: **3) Fair**

Record Plat: **33MM** Node: **010** Status: **Found**

Insp Date: **11/28/06 2:25 PM**

Incomplete Comments

Crew: **JS, PF**  
Inspector: **Smutek, J**  
Firm: **REI**

**Location** Address: **2100 21ST ST**

Cross Street: **MARYLAND AVE**

**Manhole** Type: **Inline** Location: **Alley**

Ground Conditions: **Dry**

Prev. Rehab Weather: **Dry**

Subject To Ponding: **None**

Comments

**Cover** Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties:  Bolted  Vented  Water Tight  Water Tight Insert

**Frame** Offset: **0** (in.) Condition:  Sound  Cracked  **Leaks**

**Chimney / Frame Adjustment**  Exists Material: **Brick**  Parged Height: **3** (in.)

Condition:  Sound  Cracked  Root Intrusion  **Loose Brick**  **Deteriorated**

Infiltration:  None  **Joint**  Cracks  Mortar  Roots  **Wall**

**Corbel** Material: **Brick**  Parged Type: **Concentric/Eccentric**

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  Deteriorated

Infiltration:  None  Joint  Cracks  Mortar  Roots  Wall

**Barrel** Material: **Brick**  Parged

Shape: **Circular** Diameter: **46** (in.) Length: (in.)

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  Deteriorated

Infiltration:  None  Joint  Cracks  Mortar  Roots  Wall

**Bench**  Exists Material: **Brick**  Parged  **Debris** (not Condition related)

Condition:  Sound  Cracked  Root Intrusion  Deteriorated  Leaks  Debris

**Channel** Material: **Brick**  Parged  Debris (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **1** nearest .5 ft. Azimuth: **-1**

Condition:  Sound  Cracked  Root Intrusion  Deteriorated  Leaks  Debris

**Steps** Count: **3** Missing: **1**  **Corroded**

**Surcharge**  **Evidence Of Surcharge** Depth: **1** (ft.)  Active Surcharge Present

Location View



Top View



Frame offset. Adjustment deterioration, loose brick and infiltration. Corroded and missing steps. Evidence of surcharge -

Defect



Frame leaks. Adjustment deterioration and infiltration.

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## 8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**  Pipe Lined

Invert Depth: **7.36** (ft.) Flow Characteristics: **Fast**

Deposits:  None  Mud  Sludge  Debris  Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

## 8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**  Pipe Lined

Invert Depth: **7.20** (ft.) Flow Characteristics: **Fast**

Deposits:  None  Mud  Sludge  Debris  Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection